



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1764/\$

Applicant: HEI ET AL. Examiner: E. MCAVOY  
Serial No.: 10/049,452 Group Art Unit: 1764  
Filed: JUNE 14, 2003 Docket: 163.1404USWO  
Confirmation No.: 3886 Customer No.: 23552  
Title: CONVEYOR LUBRICANT, PASSIVATION OF A THERMOPLASTIC CONTAINER TO  
STRESS CRACKING, AND THERMOPLASTIC STRESS CRACK INHIBITOR

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 17, 2003.

By: Sheryl A. Boorboom

Name: Sheryl A. Boorboom

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Supplemental Information Disclosure Statement, Form 1449, 61 Reference(s), Copy of International Search Report
- ☒ Checks in the amount of \$180.00 for information disclosure statement fee
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
612.332.5300

By: Mark T. Skoog

Name: Mark T. Skoog  
Reg. No.: 40,178  
MSkoog:sab



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S/N 10/049,452

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	HEI ET AL.	Examiner:	E. MCAVOY
Serial No.:	10/049,452	Group Art Unit:	1764
Filed:	JUNE 14, 2002	Docket No.:	163.1404USWO
Confirmation No.:	3886	Customer No.:	23552
Title:	CONVEYOR LUBRICANT, PASSIVATION OF A THERMOPLASTIC CONTAINER TO STRESS CRACKING, AND THERMOPLASTIC STRESS CRACK INHIBITOR		

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By: 

Name: Sheryl A. Boerboom

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(c))

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted after the mailing date of a first Office Action on-the-merits or a first Office Action after filing a Request for Continued Examination under 37 C.F.R. § 1.114 or a CPA under 37 C.F.R. § 1.53(d), but before the mailing date of: i) a final action under 37 C.F.R. § 1.113; ii) a Notice of Allowance under 37 C.F.R. § 1.311; or iii) an action that otherwise closes prosecution on the application. Enclosed is a check in the amount of \$180.00 under 37 C.F.R. § 1.17(p) for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. § 1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to

establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

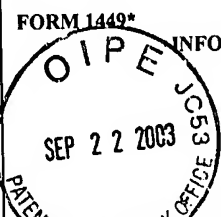
MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903

Date:

Sept 17, 2003

Mark T. Skoog

Mark T. Skoog  
Reg. No. 40,178  
MTS:sab

<b>FORM 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 163.1404USWO	Application Number: 10/049,452
	Applicant: HEI ET AL.	
	Filing Date: JUNE 14, 2002	Group Art Unit: 1764
	Customer No.: 23552	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,514,314	05/26/1970	Nemeth et al.			
	3,853,607	12/10/1974	Iyengar et al.			
	4,069,933	01/24/1978	Newing			
	4,105,716	08/08/1978	Sakai et al.			
	4,149,624	04/17/1979	Douty et al.			
	4,264,650	04/28/1981	Schulze et al.			
	4,478,889	10/23/1984	Maruhashi et al.			
	4,486,378	12/04/1984	Hirata et al.			
	4,515,836	05/07/1985	Cobbs, Jr. et al.			
	4,525,377	06/25/1985	Nickel et al.			
	4,534,995	08/13/1985	Pocock et al.			
	4,538,542	09/03/1985	Kennon et al.			
	4,543,909	10/01/1985	Sharpless			
	4,555,543	11/26/1985	Effenberger et al.			
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	4,980,211	12/25/1990	Kushida et al.			

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EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 163.1404USWO	Application Number: 10/049,452
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	Customer No.: 23552	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	"FIN FOOD LUBE AL. High Penetration Teflon® Lubricating Agent Especially Suitable for Automatic Lubrication Systems for the Food Processing Industry", <i>INTERFLON</i> , 20 pgs. (Date unknown).
	"Krytox® Dry Film Lubricants", <i>DUPONT</i> , 6 pgs. (November 1997).
	"Lube Application to Conveyor Surface/Containers", <i>Ecolab</i> , 7 pgs. (June 13, 2000).
	"Maintenance Products with Teflon®", <a href="http://www.interflon.nl/engels.htm">http://www.interflon.nl/engels.htm</a> , <i>INTERFLON</i> , 10 pgs. (Printed June 18, 1999).
	"Other Super Lube Products ... What is Super Lube®?" <a href="http://www.super-lube.com">http://www.super-lube.com</a> , <i>SYNCO CHEMICAL CORPORATION</i> , 5 pgs. (Printed May 5, 1999).
	Gangal, S., "Polytetrafluoroethylene", <i>Encyclopedia of Chemical Technology</i> , 4th Ed., Vol. 11, pp. 621-644 (Date unknown).
	Kondoh, M., "An Aerosol Lubricant", <i>Japanese Patent Application No. 57-3892</i> , 9 pgs. (Filed June 10, 1980; Published January 9, 1982).
	Moskala, E., "Environmental Stress Cracking in PET Beverage Containers", <i>BEV-PAK AMERICAS '96</i> , 14 pgs. (April 15-16, 1996).
	Moskala, E., "Environmental Stress Cracking in PET Carbonated Soft Drink Containers", <i>Bev Tech</i> 98, 22 pgs. (March 30-April 1, 1998).
	Tekkanat, B. et al., "Environmental Stress Cracking Resistance of Blow Molded Poly(Ethylene Terephthalate) Containers", <i>Polymer Engineering and Science</i> , Vol. 32, No. 6, pp. 393-397 (March 1992).
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	U.S. Serial No. 60/149,048 filed 08/16/1999
	U.S. Serial No. 60/149,095 filed 06/16/1999
	U.S. Serial No. 60/230,662 filed 09/07/2000
	Copy of European Search Report dated July 17, 2003

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	5,001,935	03/26/1991	Tekkanat et al.			
	5,115,047	05/19/1992	Hashimoto et al.			
	5,145,721	09/08/1992	Kojima et al.			
	5,238,718	08/24/1993	Yano et al.			
	5,317,061	05/31/1994	Chu et al.			
	Re. 34,742	09/27/1994	Maier et al.			
	5,371,112	12/06/1994	Sayre et al.			
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	5,565,127	10/15/1996	Laufenberg et al.			
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	6,509,302	01/21/2003	Li et al.			
	6,576,298	06/10/2003	Bennett et al.			
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO

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